ANNUAL REPORT

ON THE

SANITARY CONDITION

OF THE

Fylde Rural District,

FOR THE YEAR 1903.

CHARLES COURT, M.B.,

Medical Officer of Health.

KIRKHAM:
PRINTED BY J. RIGBY, POULTON STREET & BIRLEY STREET.
1904.

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FYLDE RURAL DISTRICT

FOR THE YEAR 1903.

To the Chairman and Members of the Fylde Rural District Council.

GENTLEMEN,

In accordance with the instructions of the Local Government Board, I have much pleasure in laying before you the Report of the Sanitary Condition of the Fylde Rural District, during the year 1903.

The area of the district comprised under the term of the Fylde Rural Sanitary District, up to April, 1903, was 39,172 acres, but at that time Bispham was made into a separate Urban District. Owing to this the area was diminished by 1,433 acres; therefore, the area now under the supervision of the Fylde Rural Sanitary Authority is 37,739 acres, over which is distributed a population of 10,479 persons. This I will have occasion to refer to again.

Owing to the excessive amount of rainfall during the year there has been an increased death-rate in the low-lying districts of Great and Little Marton, which are unprovided with proper drainage. Diseases such as Phthisis, Bronchitis, Rheumatism, with their sequelæ Heart Disease, &c., are prone to occur.

Cottage Accommodation.—In regard to this, there are several districts where there is a great deficiency both in quantity and quality. In consequence of this there is a considerable drifting of the labouring classes towards the neighbouring town. This is a very serious matter for the agriculturists as well as for the labourers themselves, as labour is thus rendered more expensive and difficult to obtain. I may mention in connection with this matter that when old cottages are pulled down or fallen into decay either no new cottages are built, or, if they are, in a great many instances they are occupied by people who are not in any way connected with agriculture, and in many cases the houses are too large and the rents too expensive for the agricultural labourer to live in them. I would beg to respectfully call the attention of the large landowners to this matter. To these conditions is owing the depopulation of certain villages.

SECTION I.

ZYMOTIC DISEASES.

During the year there have been 72 cases of Infectious Diseases notified. The principal prevailing diseases have been Diphtheria and Scarlet Fever; the former 28 and the latter 25, the remaining number being made up of—Small-pox three cases, Membranous Croup five, Erysipelas three, Enteric six, and Puerperal two.

Diphtheria.—Twenty-eight cases in all. This number compares very unfavourably with last year's, viz., four. The increase this year is, in my opinion, due to the exceedingly wet season, as 25 of these cases occurred in the Blackpool and Lytham sub-districts (16 and 9 respectively). Certain portions of these districts

are very low lying and become, after heavy rains, impregnated with disease germs, the sewerage becoming crowded into the already overflowing ditches and drains, and often forced along with the surface water into the interior of the houses, hence catarrhal complaints become very numerous.

This is a subject well worthy of the serious consideration of all Rural Sanitary Authorities, who should not be remiss in seeing to the removal of all stagnant pools and ditches in the neighbourhood of dwelling-houses, and otherwise rendering the drainage of their districts as thorough as possible. This condition is very applicable to Great and Little Marton ; but I am glad to see there are some signs of this state of affairs being removed.

I might also complain about the unsatisfactory state of the water supply at certain portions of your district, especially in Great and Little Marton. In Marton the inhabitants have to depend to a great extent upon ditches, wells, and stored roof-water, which is frequently situated under the worst of hygienic conditions. I understand mains are contemplated being laid by the Fylde Water Board in a portion of the Marton district. Let alone the vital importance of a necessary supply of good and pure water to the inhabitants themselves, it is easily seen that it is a matter of public well-being, as some of the persons living in these districts supply neighbouring towns with milk.

Of the Diphtheria deaths (two in number) one occurred in Little Marton and one in Carleton ; both at their homes.

The other three cases of Diphtheria occurred—one each in Newton-with-Scales, Freckleton, and Carleton. The Newton case was due to untrapped drains.

The Freckleton case was due to bad water supply and an offensive ditch near the house. This is receiving necessary attention.

The Carleton case, which terminated fatally, could not be accounted for except by supposed contact with other cases at Bispham.

Scarlet Fever.—Of this disease there were 25 cases notified, a considerable decrease on last year's number, viz., 76. Of the 25 cases, 11 of these occurred in the Kirkham, 9 in the Blackpool, and 5 in the Fleetwood sub-districts. Of this number three only proved fatal; two from Weeton died in Moss Side Hospital, one in Marton (at home).

Sporadic cases appeared in the following districts :—

Marton	3	Wrea Green	1
Bispham	5	Weeton	5
Carleton	3	Mythop	1
Staining	1	Singleton	2
Wesham	4		

Typhoid Fever.—Of this disease six cases were notified:—

Treales	3	Wesham	1
Bispham	1	Warton	1

One of these terminated fatally, from Bispham, in the Moss Side Hospital. The cause of these cases was defective drainage.

Small-pox.—Three cases notified, two from Treales terminated fatally, the other, also from Treales, recovered. This disease was imported from Preston during a visit two weeks before the onset of the illness. When called in by the medical attendant I offered to vaccinate or re-vaccinate the other members of the household, and got the patient removed to the Joint Hospital, where she died. The sister of the patient refused to be vaccinated, took the disease, and died in Hospital. The servant man was re-vaccinated and took no harm. Another servant man, of whom I got no information in spite of full inquiries, went to his home, developed the disease, was removed to Hospital and recovered.

Vaccination and re-vaccination were performed throughout the village, and all precautions were taken locally and generally to prevent the spread of this loathsome disease, and successfully.

Erysipelas.—Three cases notified: one in Newton-with-Scales, one in Freckleton, and one in Staining; none of which proved fatal.

Croup and Membranous Croup.—Five cases notified: one in Westby (fatal), four in Freckleton (three fatal). The cause in all defective drainage.

INFECTIOUS HOSPITALS,

Two in number: one at Moss Side, the Fylde Joint Isolation Hospital; the other the Small-pox Hospital at Elswick, a joint Hospital for Preston, Garstang and the Fylde.

The Moss Side Infectious Hospital.—There have been admitted in all 93 patients, viz.: 71 Scarlet Fever, 16 Typhoid and 6 Diphtheria. The districts they have been admitted from and the diseases are as follows:—

Districts	Scarlet Fever	Enteric	Diphtheria
Fleetwood ..	2	0	0 .....
Bispham	10 (3 notified up to April)	1 (1 notified up to April)	0 .....
Lytham	16	11	0 (9 notified in Sub-District)
St. Annes....	24	4	3 .....
Wesham	3 (4 notified)	0 (1 notified)	0 .....
Kirkham	1	0 (3 notified)	0 (1 notified) ....
Marton.....	2 (3 notified)	0 (1 notified)	2 (16 notified)....
Poulton	2	0	0 .....
Wrea Green..	1 (1 notified)	0	0 .....
Weeton.....	5 (6 notified)	0	0 .....
Thornton ..	4	0	0 .....
Staining	1 (1 notified)	0	0 .....
Freckleton ..	0	0 (1 notified)	1 .....
Totals ..	71	16	6 ——93

On looking over the above table and referring to your own district in particular, you cannot help but notice that some of the townships have made but very little use of the Infectious Hospital; as per example, Marton had 16 cases of Diphtheria notified, and of these only two were sent to the Hospital. Then, again, Little Marton had 9 cases notified of Diphtheria, and none sent to the Hospital. I think with such a Hospital in the district, and carried on so successfully, that it is a great mistake not to take greater advantage of

it, and thus minimise the amount of infection in each township. When I mention that of the 93 cases treated during the year in the Hospital only four terminated fatally, I consider that there is a great inducement to have cases removed there at once when disease breaks out.

SECTION II.

POPULATION.

Last year the population of your district was given as 11,350. I now estimate it for the year under review as 10,479; but up to the 15th of April, when the township of Bispham-with-Norbreck became an Urban District, the estimated population was 11,479. In calculating the various averages the change in population has been taken into account.

Births.—The births registered numbered 287, or 35 fewer than in the preceding year. Of the population this will give a birth-rate of 26·7, as compared with 28·3 in 1902. Of these 142 were boys and 145 girls. Distribution in the four registration sub-districts was as follows:—

Fleetwood Sub-District.....	13	19	32
Blackpool ,, ...	41	41	82
Kirkham ,, ...	84	82	166
Lytham ,, ...	4	3	7
Totals	142	145	287

Comparison of Birth and Death-rate, 1903 and 1902.

Per 1,000 of the Population	1903	1902
Birth-rate	26·7	28·3
Death-rate	14·7	13·9
Zymotic Death-rate.....	1·48	1·58
Phthisis ,, ...	0·83	1·05
Respiratory ,, ...	1·86	1·25
Rate of deaths under 1 year to 1,000 deaths ...	125	74

MORTALITY.

Deaths.—The total deaths registered in the district amounted to 156, but the figures require correction by the deduction of three deaths of non-residents which occurred in public institutions in the district (Elswick Hospital two from Small-pox, and Moss Side Hospital one from Enteric Fever), and the addition of six deaths of residents registered in public institutions beyond the district (five in the Fylde Union Workhouse, and one in the Victoria Hospital, Blackpool). The nett deaths at all ages belonging to the district were, therefore, 159, and this gives a death-rate of 14·7 per 1,000 of the population, against 13·9 in the year 1902.

Zymotic Death-rate.—The deaths from the seven principal Zymotic diseases amounted to 16, equal to a rate of 1·48 per 1,000 of the population. The deaths were as follows:—Small-pox two, Scarlet Fever three, Whooping Cough one, Diphtheria and Membranous Croup five, Enteric Fever one, and Diarrhœa four.

Phthisis contributed nine deaths against twelve last year, the deaths per 1,000 being 0·83 as compared with 1·05 in the preceding twelve months.

Respiratory Diseases, including Bronchitis, Pneumonia and Pleurisy, gave rise to 20 fatalities, or a rate of 1·86 per 1,000.

Infantile Mortality.—Thirty-six deaths occurred amongst children under the age of one year, giving a rate of 125 per 1,000 registered deaths.

A tabular statement is given below of the corrected number of deaths in each of the parishes in the Rural District, together with the death-rate per 1,000 per annum:—

District	Number of Deaths	Rate per 1,000 per annum
Carleton	5	6·9
Singleton	5	13·4
Elswick	8	32·3

District	Number of Deaths	Rate per 1,000 per annum
Little Eccleston with-Larbreck	2	10·6
Marton	21	12·5
Hardhorn, Newton, Staining	9	15·0
Bispham-with- Norbreck (To April 14th, 1903.)	9	31·0
Freckleton	21	21·1
Medlar-with-Wesham	23	12·5
Bryning-with-Kellamergh	2	15·5
Clifton-with-Salwick	7	16 9
Greenhalgh-with-Thistleton	—	—
Newton-with-Scales	5	21·8
Ribby-with-Wrea	8	15·1
Treales; Roseacre and Wharles	3	6·0
Warton	8	17·9
Weeton-with-Preese	7	18·7
Westby-with-Plumptons	10	18·1
Whole District	159	14·7

I feel that I ought to draw your attention to the heavy Infantile Mortality, viz., 125 per 1,000 registered deaths. These deaths are all under one year of age, and are I consider due to a great extent to the children being nursed out, so that the mother can follow her employment in the mill. As a consequence the infant is taken from its warm bed early in the morning and carried in all kinds of weather to the house of the nurse, thus predisposing to respiratory diseases. As well as this, the improper feeding of infants tends to increase the infantile mortality.

SECTION III.

GENERAL WORK.

I have had occasion during the year to close the following Schools—Clifton, Marton, Little Marton, Treales and Newton—owing to certain diseases being prevalent in their districts. I may say that it is difficult to get the parents of children suffering

from the slighter infectious diseases to isolate them properly, thus spreading the disease; also, that they are remiss in the care and treatment of such, thus, as in measles, tending to the production of more serious sequelæ such as Bronchitis, Pneumonia and Ear Diseases.

Wrea Green Sewerage.—In regard to this there has been a great deal of consideration, and a deputation formed of several representatives of the District and Parish Councils have met at Wrea Green and made certain recommendations which have not yet been carried out.

Marton Water Supply.—I am pleased to say that arrangements have been made with the Fylde Water Board to extend their mains along Division Lane, Sandy Lane, and to the property in the vicinity of Stockydale, all of which have been badly supplied with water, being dependent on ditches and stored roof water. I hope soon to see mains extended to other parts of Marton and to Little Marton, where the supply is neither of good quality nor sufficient in quantity.

Flooding of Marton.—This has been due to excessive growth of vegetable matter in the ditches at the lower parts, also to want of sufficient cleaning of these ditches. I am glad to see that action is now to be made by the Parish Council to have this condition of affairs removed. This condition was the prime agent in the cause of the prevalence of Diphtheria in the district.

In Little Marton an inspection of the district was made on account of the occurrence of several cases of Diphtheria, and it was found that the tank from a farm overflowed into a ditch running along the road side upon which the children going to school had to pass. This was remedied.

Slaughter-houses have been inspected, and, with the exception of one in Freckleton (which was condemned) have been found satisfactory.

Bake-houses.—No complaints.

I have examined 13 samples of water; as a result, six notices for new supplies have been served.

In the course of my inspections I have been compelled to condemn four houses during the year owing to their insanitary condition, and in other cases have had to get considerable improvements effected.

In conclusion,

I remain,

Yours obediently,

C. COURT, M.B.,

Medical Officer of Health.

(I.) *VITAL STATISTICS OF WHOLE DISTRICT during 1903 and previous years.*

Year	Population estimated to middle of each year	Births		Total Deaths Registered in the District				Total Deaths in Public Institutions in the District	Deaths of Non-Residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District	
				Under One Year of age		At all Ages						
		Number	Rate*	Number	Rate per 1,000 Births registered	Number	Rate*				Number	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1893.....	12,300	370	30·0	51	137·8	226	18·3	....	10	....	216	17·5
1894.....	12,800	350	28·2	29	82·8	259	12·4	....	11	....	148	11·5
1895.....	13,055	388	29·7	46	111·8	237	18·4	....	..	....	237	18·4
1896.....	13,426	410	30·09	47	114·6	222	16·5	....	..	....	227	16·5
1897.....	14,609	398	27·2	64	160·0	248	16·9	....	..	....	248	16·9
1898.....	15·792	420	26·5	61	105·0	234	14·8	....	5	....	229	14·5
1899.....	16,102	450	29·5	58	128·0	250	15·5	....	..	....	250	15·5
1900.....	11,680	321	27·5	32	99·0	179	14·4	....	..	....	179	14·4
1901.....	11,271	291	25·6	33	113·0	167	14·8	....	..	....	167	14·8
1902.....	11,350	322	28·3	24	74·5	162	14·2	8	6	2	158	13·9
Averages for years 1893-1902	13,238·5	371·9	28·2	44·5	112·6	218·4	15·6	·8	3·2	·2	205·9	15·3
1903.....	†10,479	†287	26·7	36	125·4	†156	14·5	13	3	6	†159	14·7

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

† The Births and Deaths include those occurring in Bispham up to 14th April, 1903, when it was made an Urban District. The estimated population to that date was 11,479.

Area of District in acres (exclusive of area covered by water)..... 37,739. Total population at all ages..... 10,479.

Institutions within the District receiving sick and infirm persons from outside the District—Moss Side Isolation Hospital (10). Smallpox Joint Hospital, Elswick (4).

Institutions outside the District receiving sick and infirm persons from the District—The Fylde Union Workhouse, Kirkham (5). Victoria Hospital, Blackpool (1).

(II.) *VITAL STATISTICS OF SEPARATE LOCALITIES in 1903 and previous years.*

Names of Localities	Whole District				Fleetwood (Sub-District)				Blackpool (Sub-District)				Kirkham (Sub-District)				Lytham (Sub-District)			
Year	Population estimated to middle of each year	Births Registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all ages	Deaths under 1 year
	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d
1893	12,300	370	216	51	3,783	111	81	14	1,769	59	14	8	6,387	191	113	27	363	9	8	2
1894	12,800	350	148	29	4,155	118	49	8	1,792	46	17	4	6,486	181	77	15	367	14	5	2
1895	13,055	388	237	46	4,370	123	93	22	1,834	68	35	6	6,486	188	100	17	367	9	9	1
1896	13,426	410	222	47	4,622	145	78	18	1,710	53	42	9	6,560	198	96	19	351	14	6	1
1897	14,609	398	246	64	5,699	150	106	24	1,908	60	24	8	6,630	183	113	29	372	5	5	3
1898	15,792	420	429	61	6,766	175	108	27	2,000	91	27	12	6,644	153	91	21	372	9	3	1
1899	16,102	450	250	58	6,912	193	100	22	2,160	90	38	14	6,658	157	107	22	372	10	5	0
1900	11,680	321	179	32	1,730	39	25	4	2,810	92	51	10	6,860	178	99	16	380	12	4	2
1901	11,271	290	167	33	1,472	29	27	6	2,866	84	54	8	6,583	168	79	17	350	9	7	2
1902	11,350	322	156	24	1,486	40	26	3	2,929	97	44	11	6,583	180	83	13	352	5	3	1
Averages of Years 1893 to 1902	13,238·5	371·9	205·2	44·5	4,099·5	112·3	69·3	14·8	2,177·8	74·0	34·6	9·0	6,587·5	177·7	95·8	19·6	364·6	9·6	5·5	1·5
1903	10,479	287	159	36	1,500	32	18	5	1,926	82	36	9	6,647	166	102	21	356	7	3	1

(III.) *CASES OF INFECTIOUS DISEASE notified during the year 1903.*

Notifiable Disease	Cases Notified in Whole District							Total Cases Notified in each Locality				No. of Cases Removed to Hospital from each Locality			
	At all Ages	At Ages—Years													
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 & upwards	Fleetwood	Blackpool	Kirkham	Lytham	Fleetwood	Blackpool	Kirkham	Lytham
Small-pox	3	..	..	..	..	1	2	..	..	3	..	..	..	3	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	28	..	4	23	..	..	1	1	16	2	9	..	2	1	..
Membranous Croup	5	..	5	..	..	..	..	..	..	5	..	..	..	..	..
Erysipelas	3	..	..	..	1	2	..	..	1	2	..	..	..	..	..
Scarlet Fever	25	1	8	12	2	2	..	5	9	11	..	..	8	9	..
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	6	..	1	2	1	2	..	..	2	4	..	..	1	..	..
Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	2	..	..	..	..	2	..	..	..	2	..	..	..	..	..
Plague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	72	1	18	37	4	9	3	6	28	29	9	..	11	13	..

Isolation Hospital.—Moss Side Fever Hospital.

(IV.) *CAUSES OF, AND AGES AT, DEATH during year 1903.*

Causes of Death	Deaths in or belonging to whole District at subjoined Ages							Deaths in or belonging to Localities (at all Ages)					Total Deaths in Public Institutions in the District
	All Ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Fleetwood	Blackpool	Kirkham	Lytham		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Smallpox	2	..	..	..	..	1	1	..	..	2	..	..	4
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	3	1	2	..	..	..	..	..	1	2	..	..	2
Whooping Cough	1	1	..	..	..	..	..	..	1	..	..	..	..
Diphtheria and Membranous Croup	5	..	2	3	..	..	..	1	..	3	1	..	..
Croup	1	..	1	..	..	..	..	..	..	1	..	..	..
Fever { Typhus	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Enteric	1	..	..	..	..	1	..	..	1	..	..	..	..
Fever { Other Continued	..	..	..	..	..	..	..	..	..	..	..	..	2
Epidemic Influenza	1	..	..	..	..	1	..	..	..	1	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa	4	3	1	..	..	..	..	..	..	4	..	..	..
Enteritis	2	1	..	..	..	1	..	..	1	1	..	..	..
Puerperal Fever	2	..	..	..	..	2	..	..	..	2	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases	2	..	..	..	..	1	1	1	1	..	..	..	..
Phthisis, Pulm. Tuberculosis	9	..	1	..	..	7	1	2	3	4	..	..	..
Other Tubercular Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..
Cancer, Malignant Disease	8	..	..	..	..	6	2	1	1	6	..	..	..
Bronchitis	11	7	2	..	..	2	..	..	3	8	..	..	..
Pneumonia	9	..	1	..	2	4	2	2	1	6	..	..	..
Pleurisy	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism, Cirrhosis of Liver	2	..	..	..	..	2	..	..	1	1	..	..	..
Venereal Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth	9	9	..	..	..	..	..	1	3	5	..	..	1
Diseases and Accidents of Parturition	7	7	..	..	..	..	..	..	1	6	..	..	..
Heart Diseases	13	..	..	1	..	6	6	1	2	10	..	..	..
Accidents	2	..	..	..	..	2	..	..	..	2	..	..	..
Suicides	3	..	..	..	..	2	1	1	1	1	..	..	..
Inquests	..	..	..	..	..	..	..	..	..	..	..	..	..
Diseases of Nervous System	..	..	..	..	..	..	..	..	..	..	..	..	..
Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..
All other causes	62	7	5	2	1	17	30	8	15	37	2	..	..
All causes	159*	36	15	6	3	55	44	18	36	102	3	..	9

* See Note on Table I.

FYLDE RURAL DISTRICT COUNCIL.

To the Chairman and Members of the Fylde Rural District Council.

GENTLEMEN,

I have again the honour of presenting to you the Annual Report and Summary of Nuisances and work done within your district for the year ending 31st December, 1903, this being my Fourteenth Annual Report.

PUBLIC HEALTH ACT, 1875.

Total number of Preliminary Notices	76
Second Notices served by Order of Council	13
Special Reports	9
Dwelling-houses improved	4
,, lime-washed and cleaned	1
,, condemned as unfit for habitation	4
,, reported as over-crowded	1
New drains put in for waste and refuse water	16
Drains opened, cleaned, and rectified	14
Sink, bath, and lavatory pipes disconnected from drains and made to discharge over gully traps	3
Privies built and improved	8
Offensive ashpits rectified	2
Water-closets improved	1
New water-closets put in, in place of old privies	7
Privies and ashpits cleaned under Notice	7
Nuisances arising from stagnant sewage abated	2
Accumulations of manure removed	1
Offensive ditches cleaned out	3

Sewage and urine tanks made	9
,, cleaned out	2
Farm yards and premises drained	3
Nuisances arising from pigstyes abated	1
Dead animals and garbage removed and buried	3
Cellar drains rectified	1
Nuisances caused by slop water thrown on to road	2
Drains tested with smoke test	14
Total number of defects remedied	95
Total number of places inspected	1213

MAIN WATER-COURSES.

These have again been inspected and the brook at Dowbridge cleaned out. Spen Dyke, at Marton, owing to the excessively wet season has for several months been standing nearly full. The Parish Council, at the end of the year, took the matter in hand to try and get it satisfactorily cleaned as the weather permits.

LODGING-HOUSES.

None in district.

SLAUGHTER-HOUSES.

These have been inspected and found well kept, though at times a little more attention is required by the occupiers with respect to the lime-washing of these. One at Freckleton was condemned and the tenant has given up using.

BAKE-HOUSES.

These have been found to be well kept.

NEW SEWERS.

During the year the old sewers in Albert and Billington Streets, Wesham, which on being examined proved to be unsatisfactory, have been taken up and relaid.

INFECTIOUS DISEASES.

No. of infectious cases inquired into	62
Dwelling-houses fumigated after Scarlet Fever	17
" " Typhoid	6
" " Diphtheria	15
" " Small-pox.....	3

LEGAL PROCEEDINGS.

During the year it has been found necessary to take proceedings in two cases and these for non-abatement of nuisances.

PUBLIC HEALTH (WATER ACT).

OLD HOUSES.

First Notices given by Order of Council.....	6
Second " "	Nil
Supply improved by putting in Fylde Water.....	6
Samples of water submitted to M.O.H. for examination	6
Condemned as unwholesome	6

NEW HOUSES.

The following new houses have been erected and passed for habitation :—Bispham 16, Carleton 6, Freckleton 1, Hardhorn 2, Marton 19, Newton-with-Scales 1, Weeton 1, Westby 2, making a total of 48. All of which are supplied with Fylde Water Board's Water.

DAIRIES AND COW-SHEDS.

These have on the whole been well kept though there are a few in the district which want improving.

BUILDING BYE-LAWS.

Total number of Inspections made	232
Damp course not in accordance with Bye-laws	3
Drains not laid " "	4

Trimming joists not of a sufficient strength.....	6
Joists put into party wall.....	2
Privy erected contrary to Bye-laws	1
Drains covered before being inspected.....	1
Buildings erected without permission of Council and contrary to Bye-laws.....	3
Buildings reported as being erected without plans ...	12

In concluding this report I wish to thank those owners of property who have done work suggested to them by me without having to bring the same before your Council.

I am, Gentlemen,

Yours faithfully,

JAMES JOLLY,

Sanitary Inspector.

J. RIGBY, PRINTER, POULTON STREET, KIRKHAM.